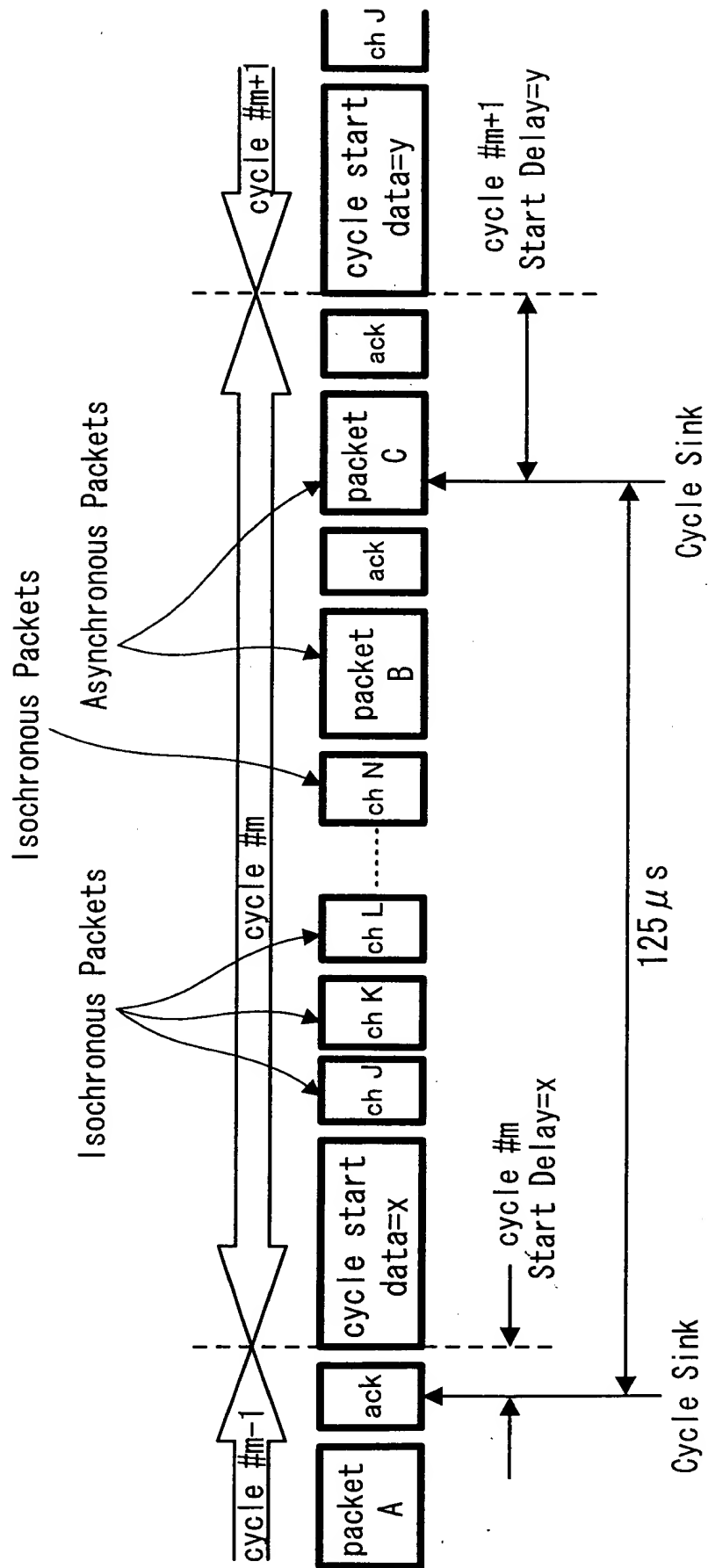


FIG. 1



801P1082

FIG. 2

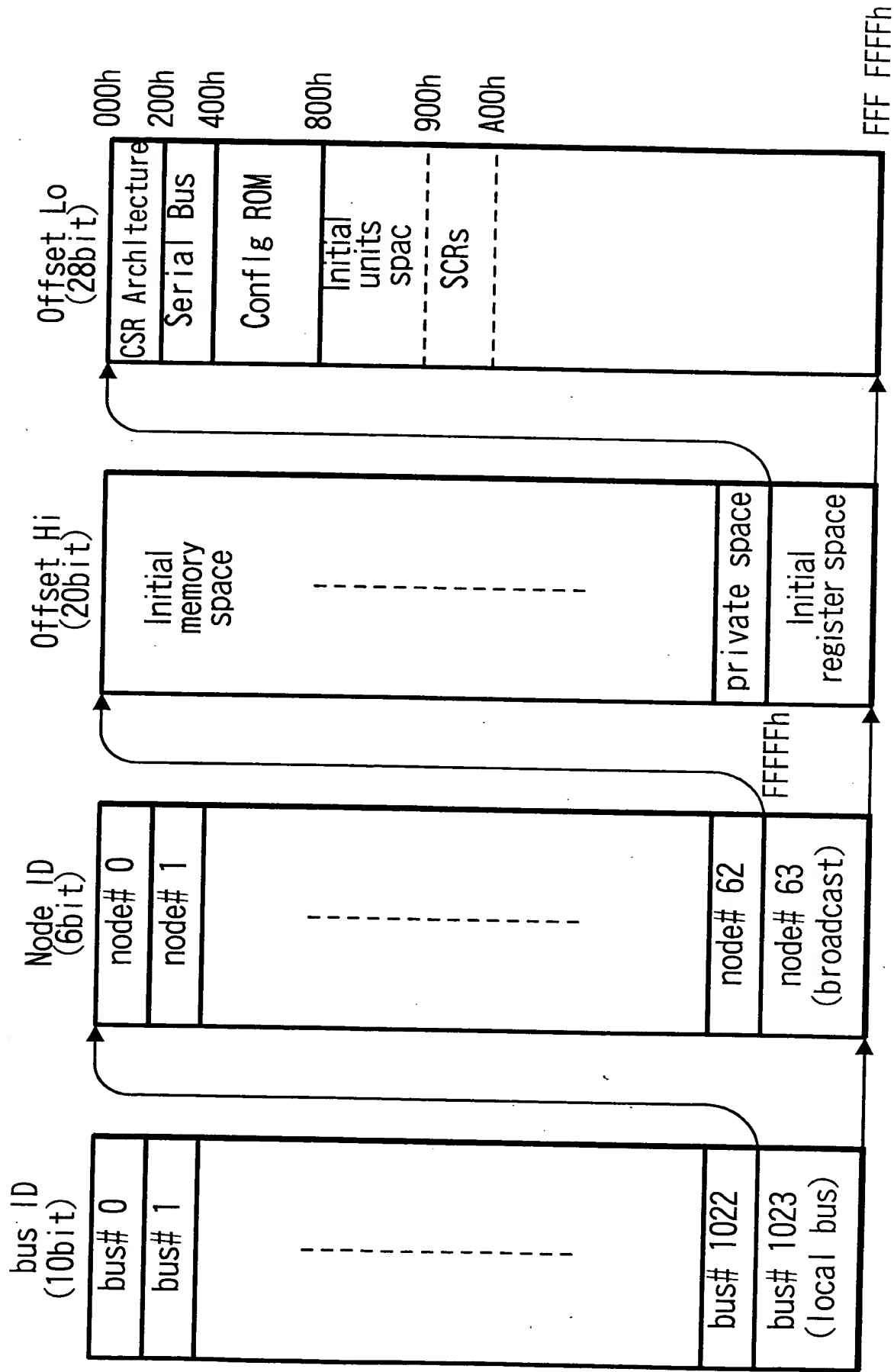


FIG. 3

Offset	Designation	Function
000h	STATE_CLEAR	State and control data
004h	STATE_SET	Set state_clear bit
008h	NODE_IDS	Indicate node ID of 16 bits
00Ch	RESET_START	Start command reset
018h-01Ch	SPLIT_TIMEOUT	Specify maximum time of split
200h	CYCLE_TIME	Cycle time
210h	BUSY_TIMEOUT	Specify limit on retry
21Ch	BUS_MANAGER	Indicate ID of bus manager
220h	BANDWIDTH_AVAILABLE	Indicate band that can be assigned to isochronous communication
224h-228h	CHANNELS_AVAILABLE	Indicate the state where the channels are used

FIG. 4

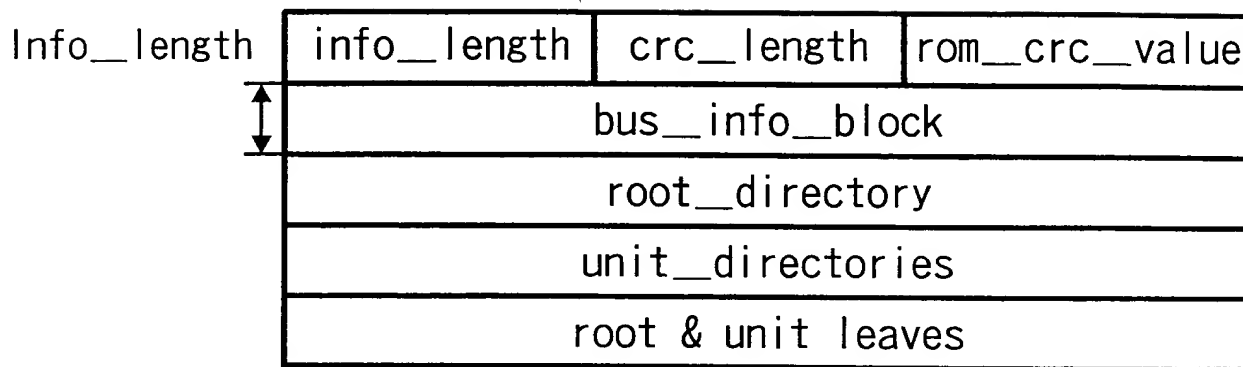


FIG. 6

900h	Output Master Plug Register
904h	Output Plug Control Register #0
	Output Plug Control Register #1
⋮	⋮
97Ch	Output Plug Control Register #30
980h	Input Master Plug Register
984h	Input Plug Control Register #0
988h	Input Plug Control Register #1
⋮	⋮
9FCh	Input Plug Control Register #30

FIG. 5

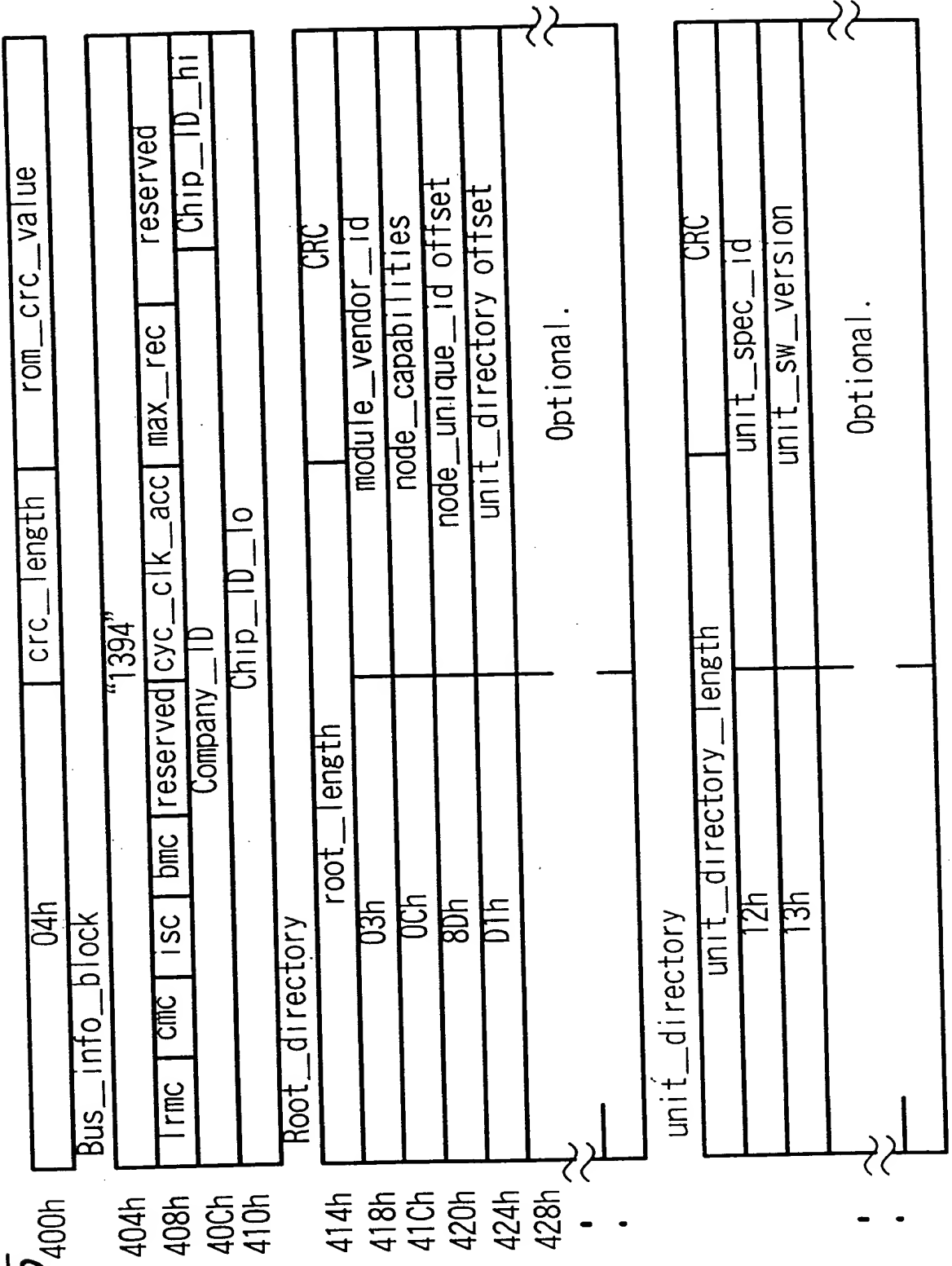


FIG. 7A

oMPR

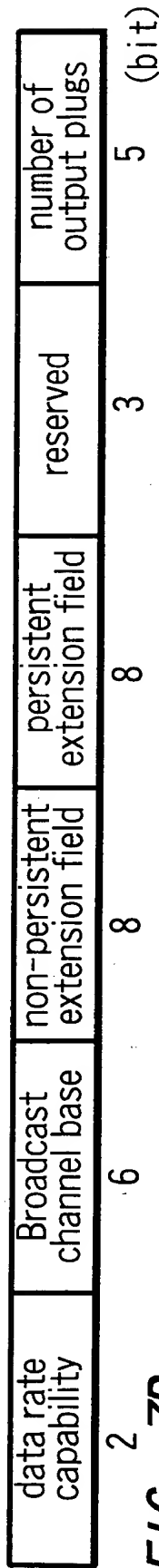


FIG. 7B

oPCR [n]

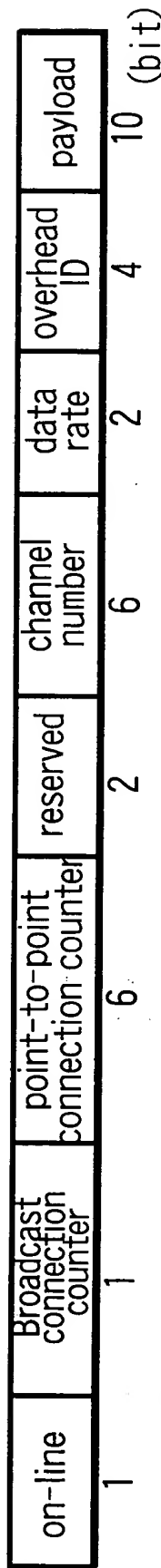


FIG. 7C

iMPR

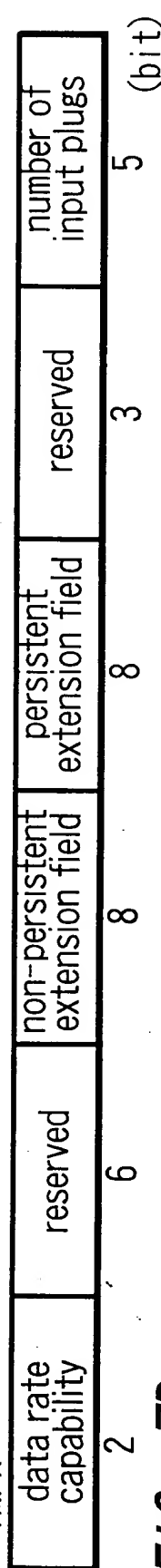


FIG. 7D

iPCR [n]

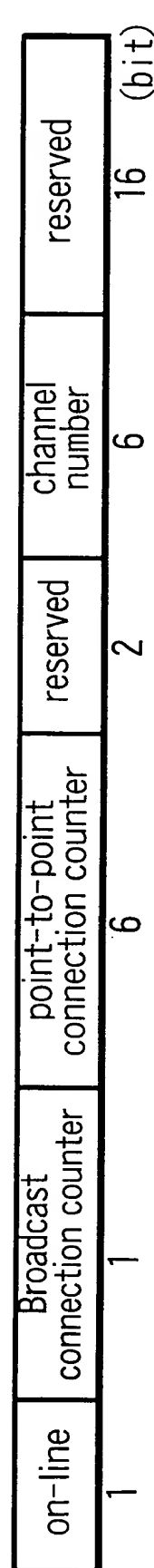


FIG. 8

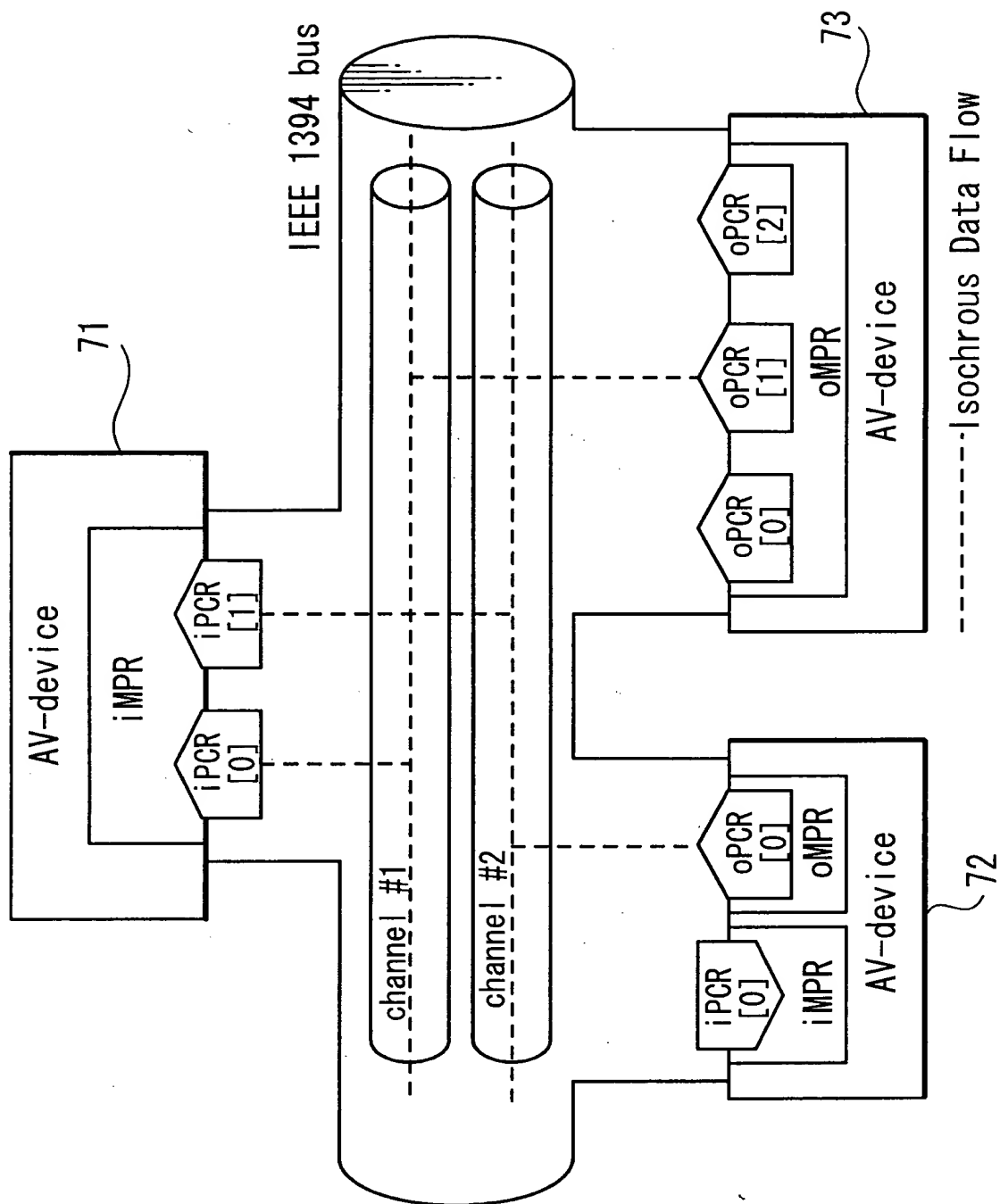


FIG. 9

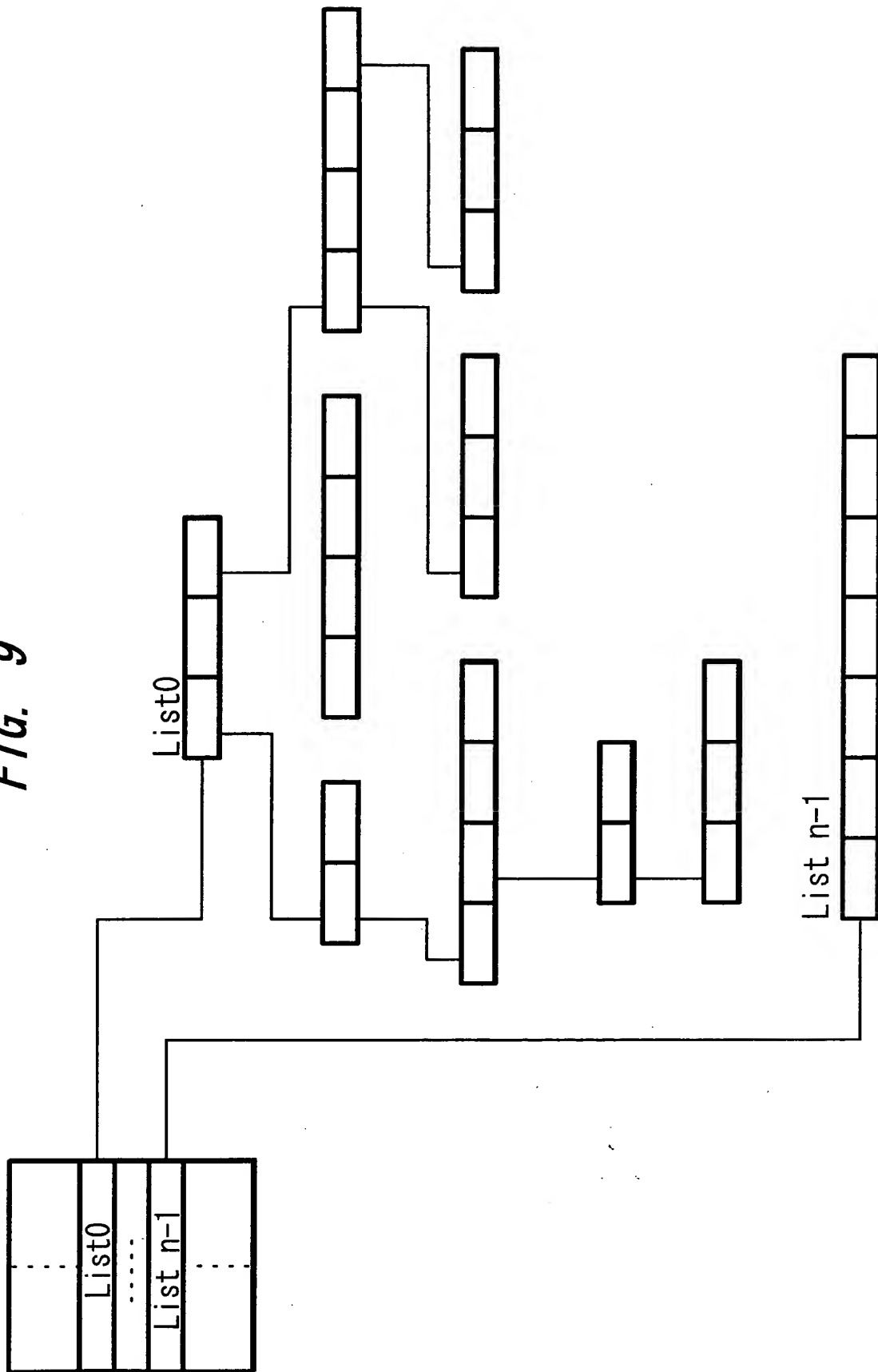


FIG. 11

generation_ID values	
generation_ID	meaning
00 ₁₆	Data structures and command sets as specified in the AV/C General Specification, version 3.0
all others	reserved for future specification

FIG. 12

List ID Value Assignment Ranges	
range of values	list definition
0000 ₁₆ –0FFF ₁₆	reserved
1000 ₁₆ –3FFF ₁₆	subunit-type dependent
4000 ₁₆ –FFFF ₁₆	reserved
1 000 ₁₆ –max list ID value	subunit-type dependent

FIG. 13

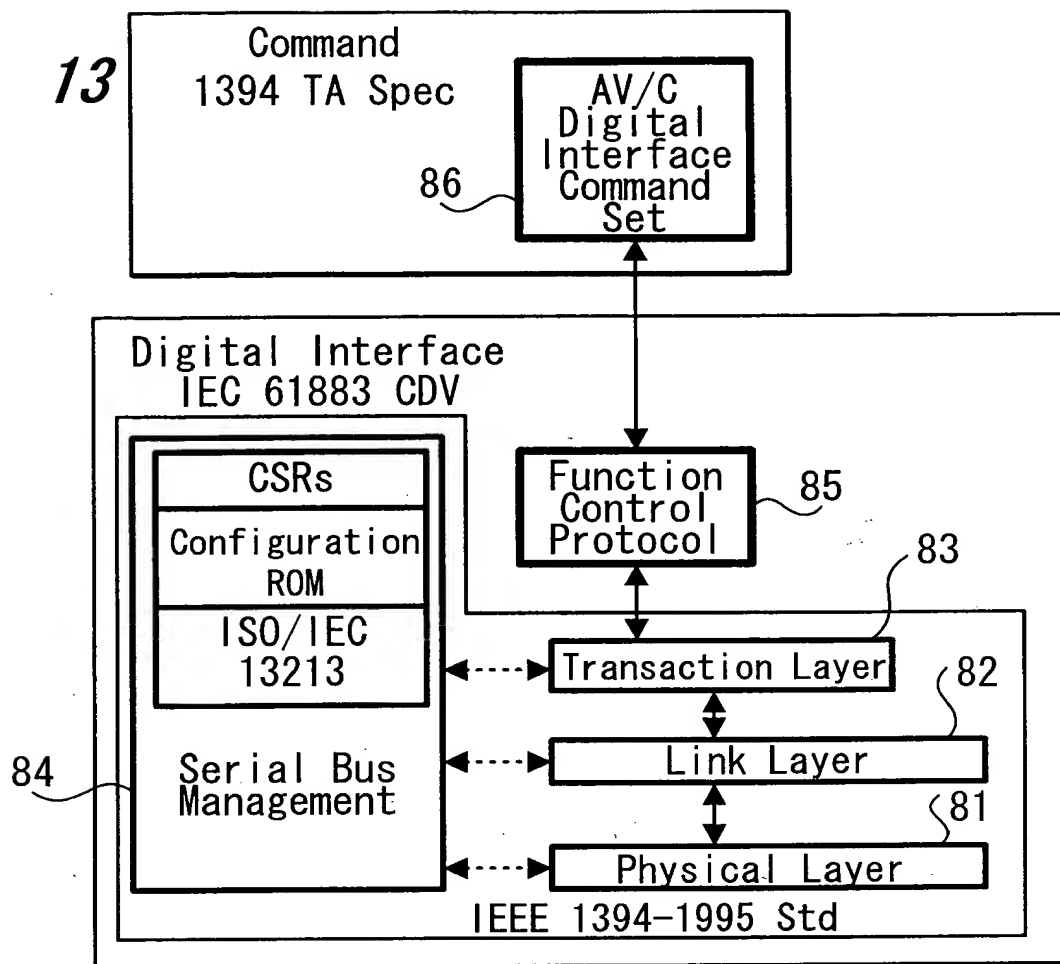


FIG. 14

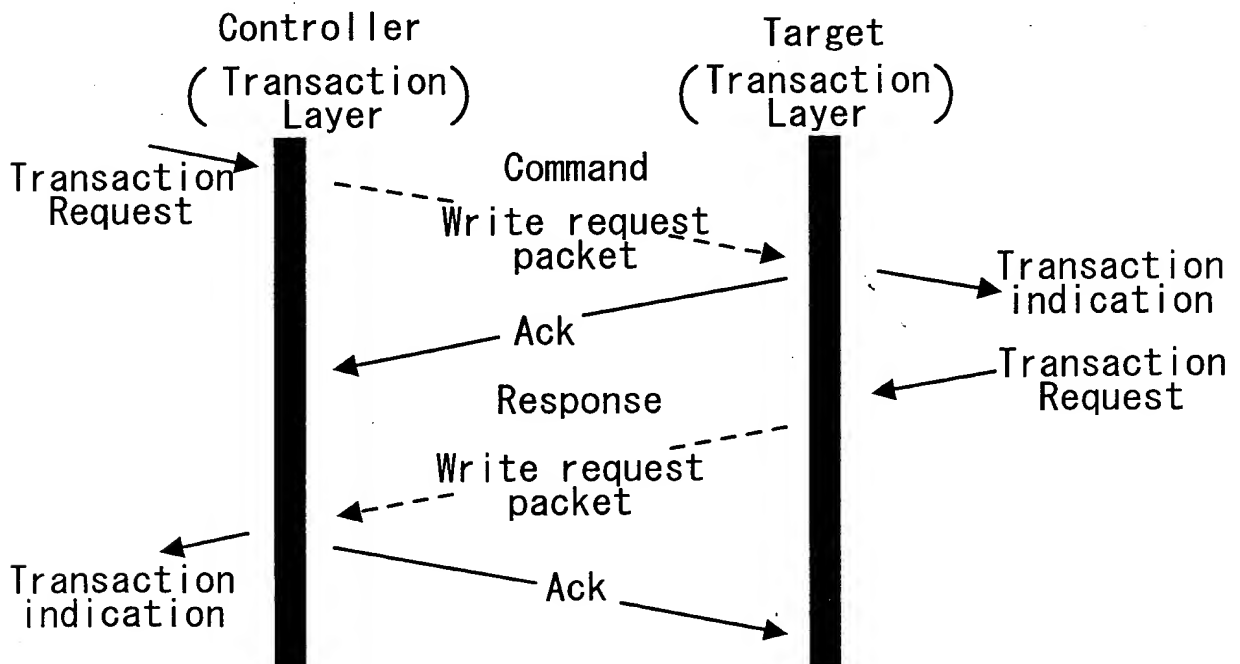


FIG. 15

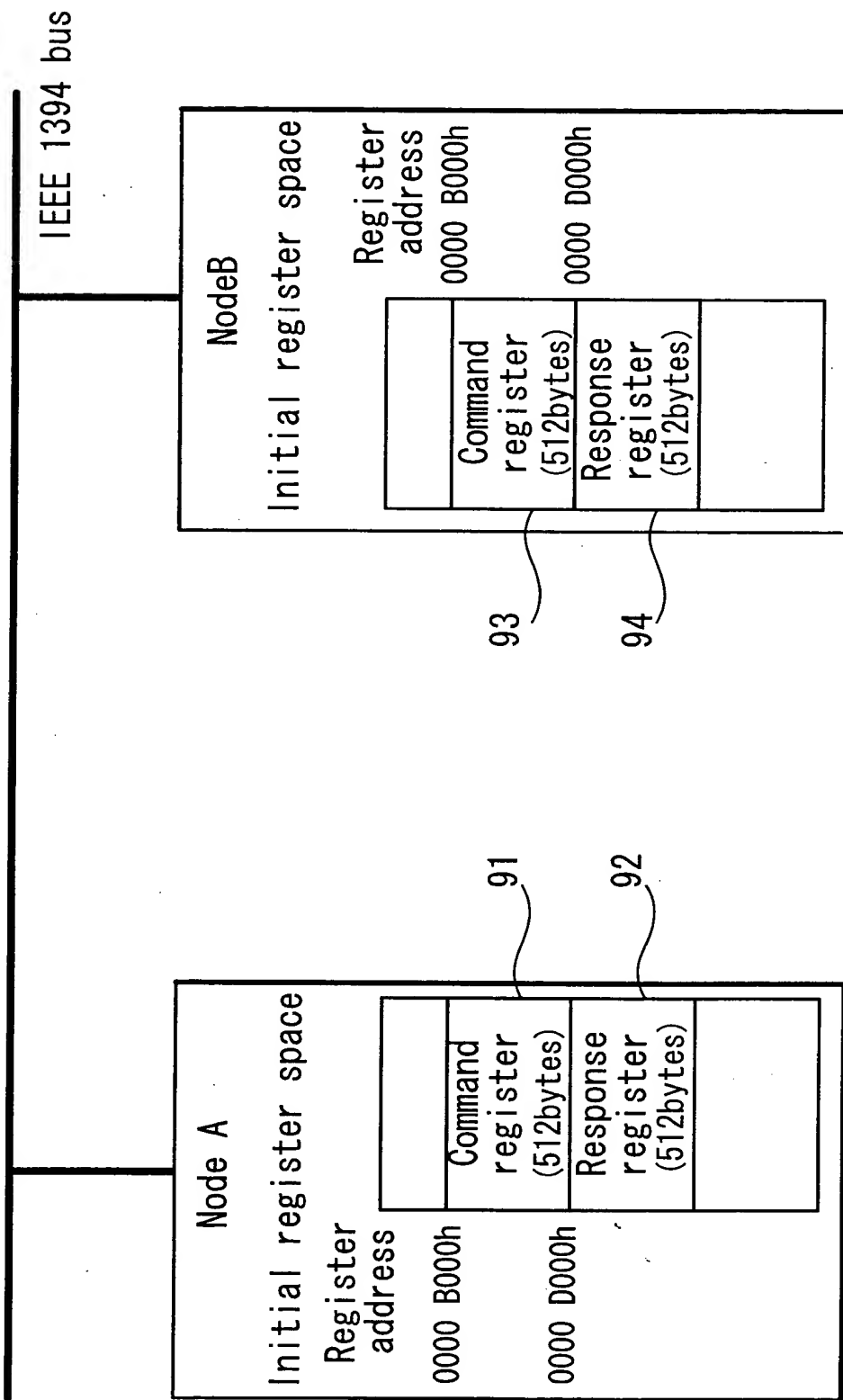
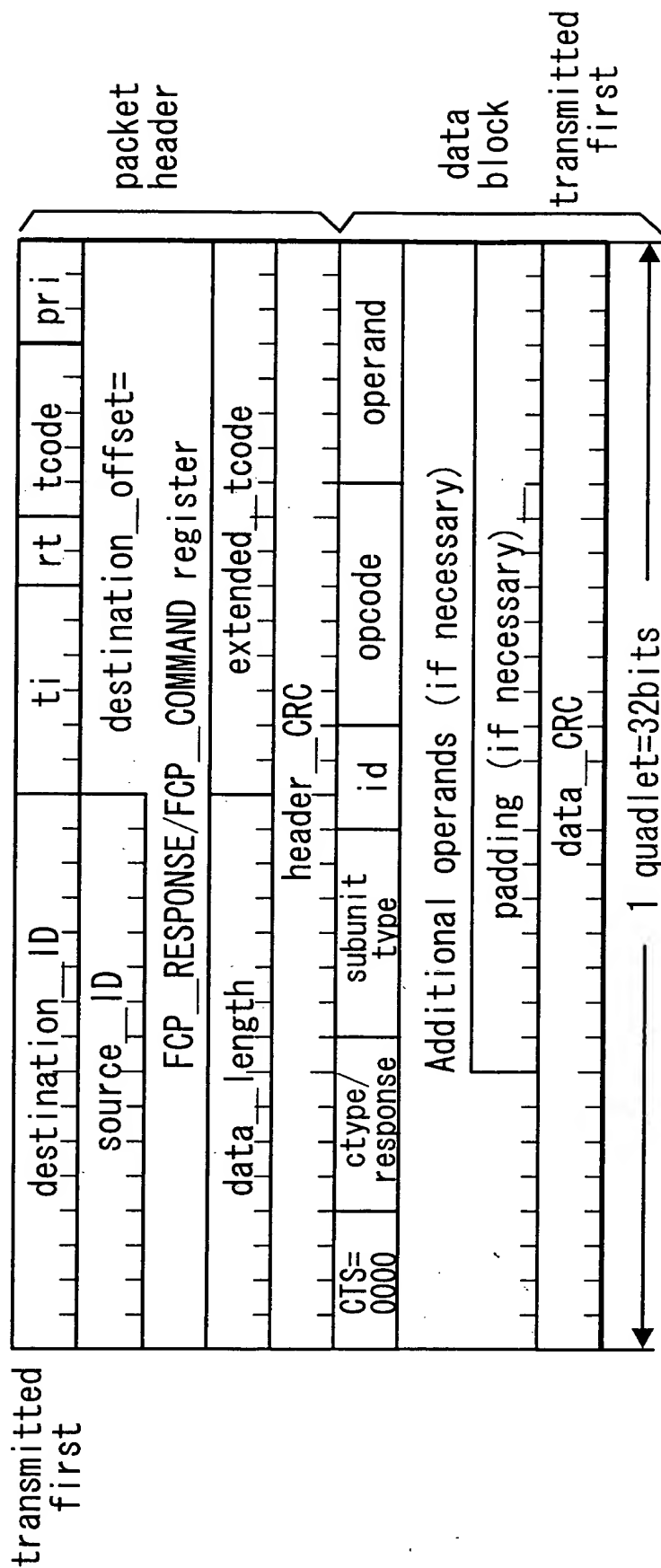


FIG. 16

Asynchronous Packet (Write Request for Data Block)



ctype/response	subunit_type	opcode: Operation Code
0000 0001 0010 0011 0100 0101 0111	CONTROL STATUS SPECIFIC INQUIRY NOTIFY GENERAL INQUIRY (reserved for future specification)	00h 50h 51h 52h 60h 61h 62h C1h C2h C3h C4h ?
1000 1001 1010 1011 1100 1101 1110 1111	NOT IMPLEMENTED ACCEPTED REJECTED IN TRANSITION IMPLEMENTED/STABLE CHANGED (reserved for future specification) INTERIM	VENDOR-DEPENDENT SEARCH MODE TIMECODE ATN OPEN MIC READ MIC WRITE MIC LOAD MEDIUM RECORD PLAY WIND ?

FIG. 17C

FIG. 17B

AV/C	control	tape recorder when ID 0	PLAY	FORWARD
CTS=0000	ctype=0000	subunit type=00100	opcode=C3h	operand=75h
AV/C accepted	response=1001	tape recorder when ID 0	PLAY	FORWARD
CTS=0000	response=1001	subunit type=00100	opcode=C3h	operand=75h

FIG. 18A

FIG. 18B

FIG. 19

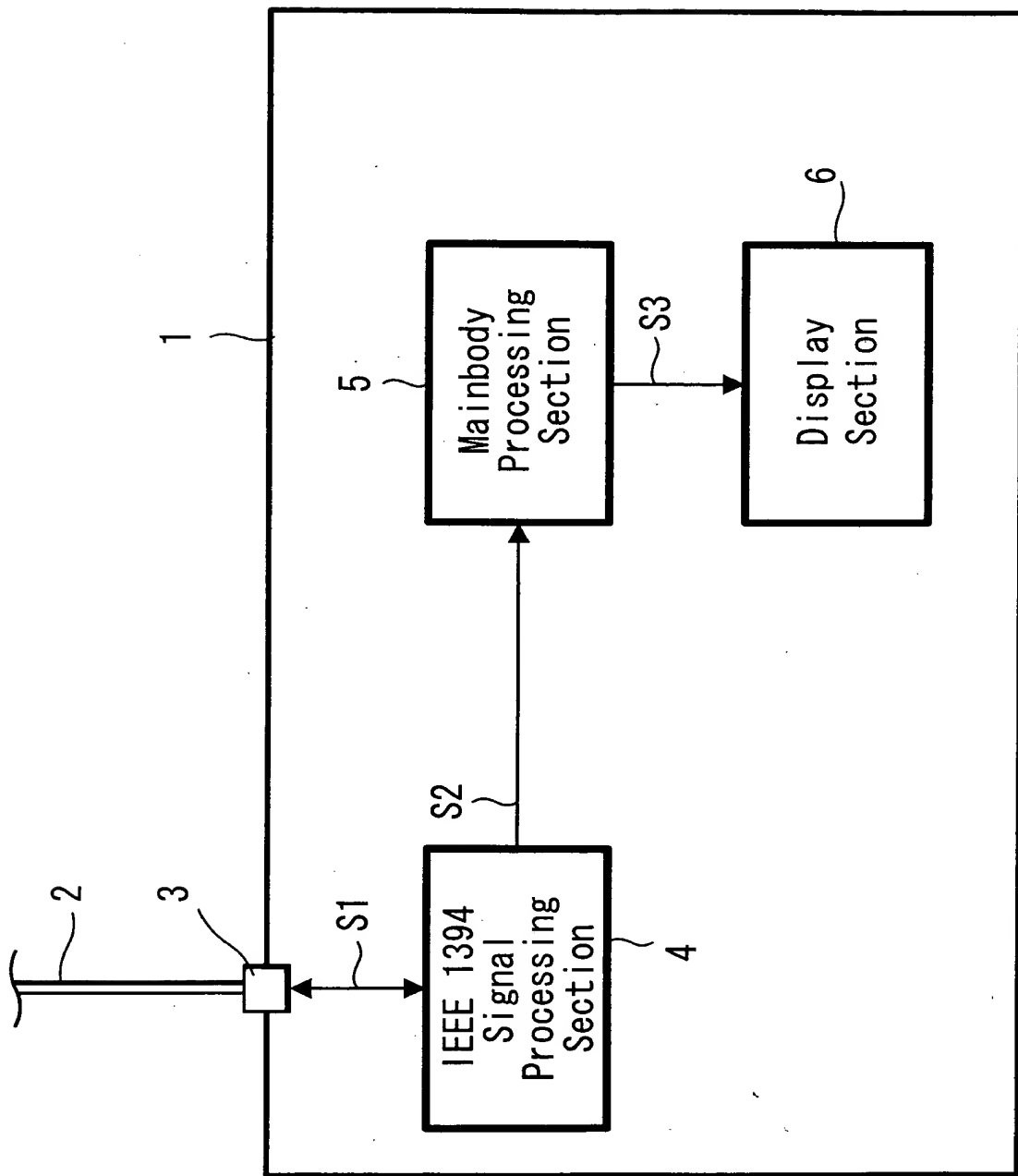


FIG. 20

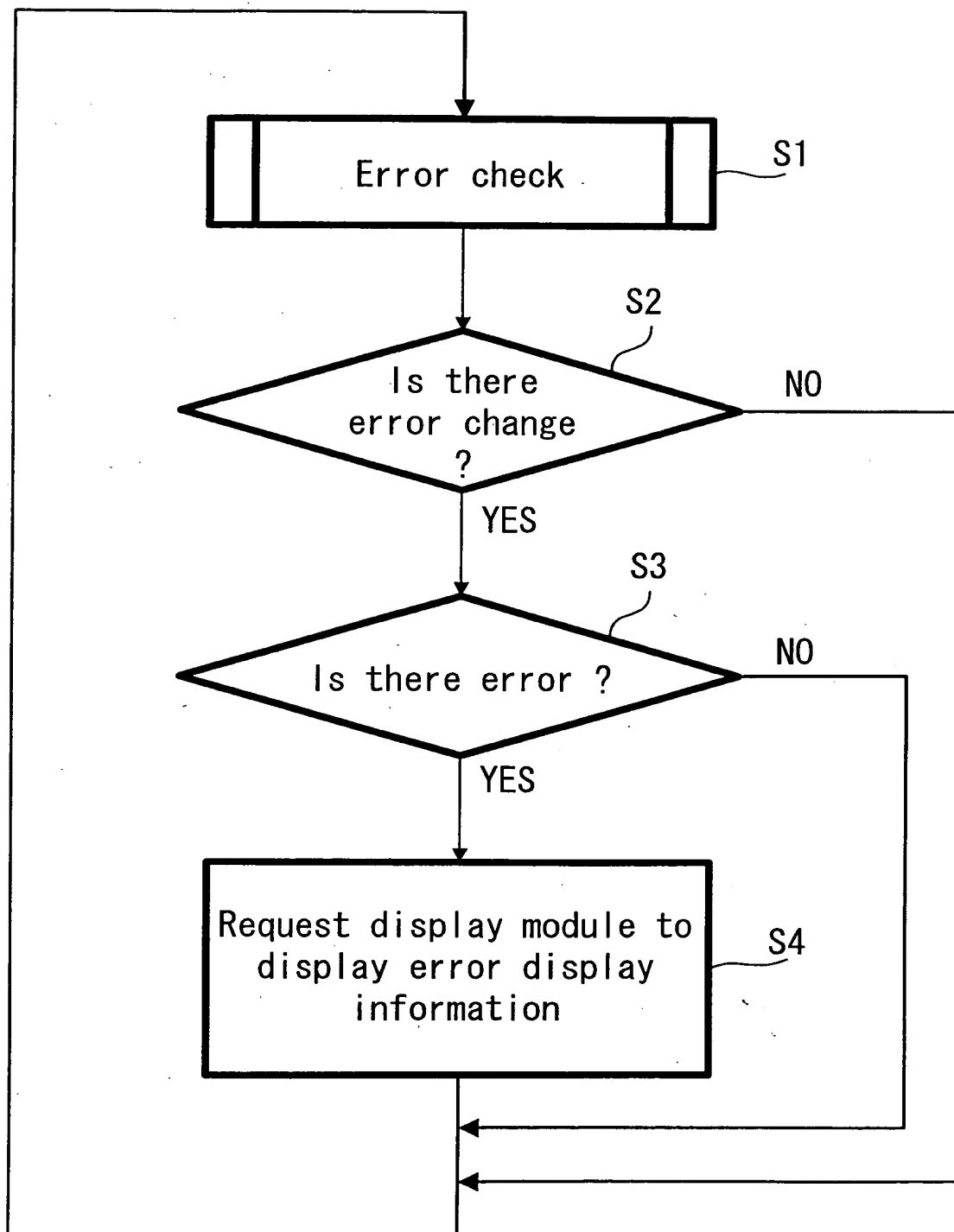
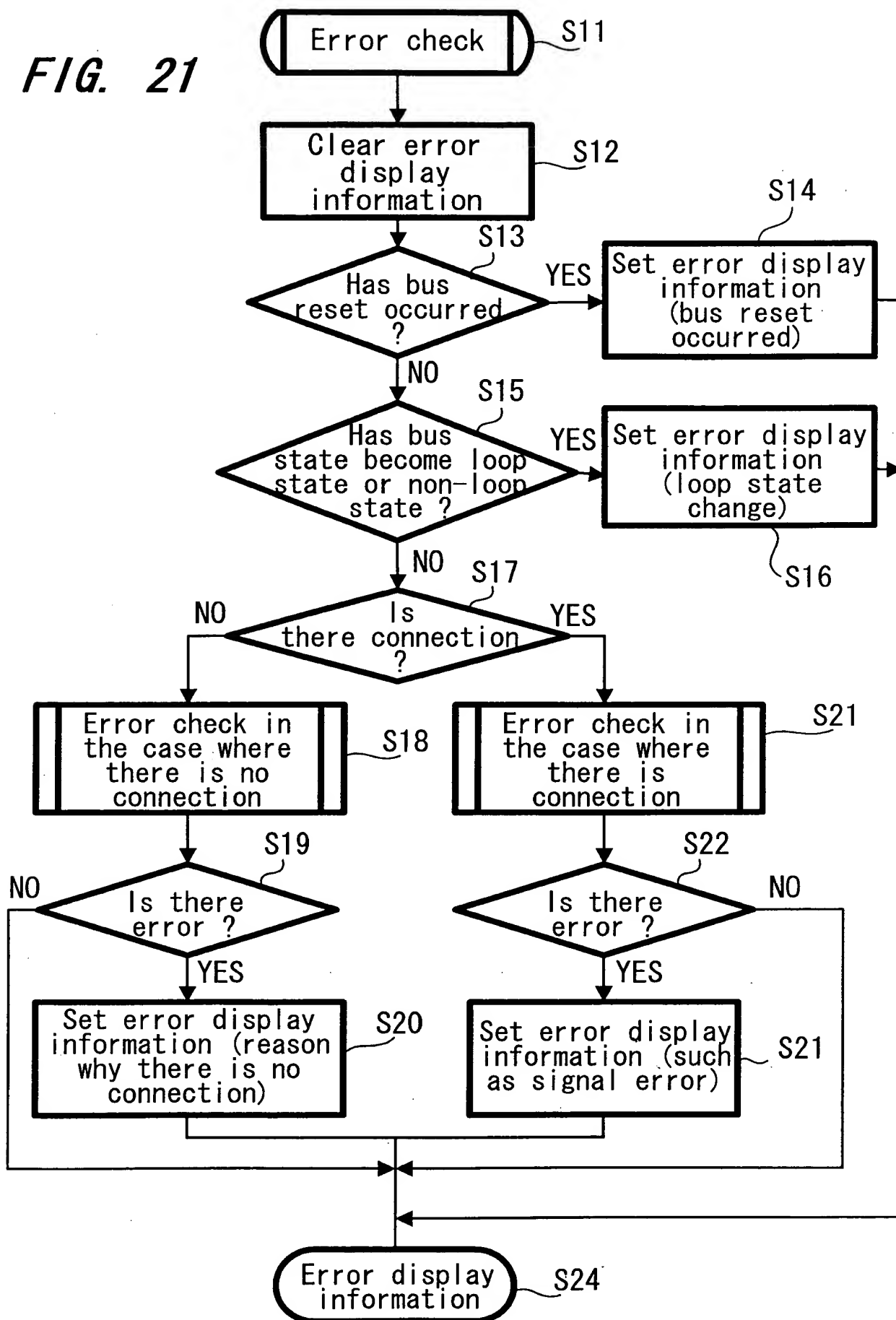


FIG. 21



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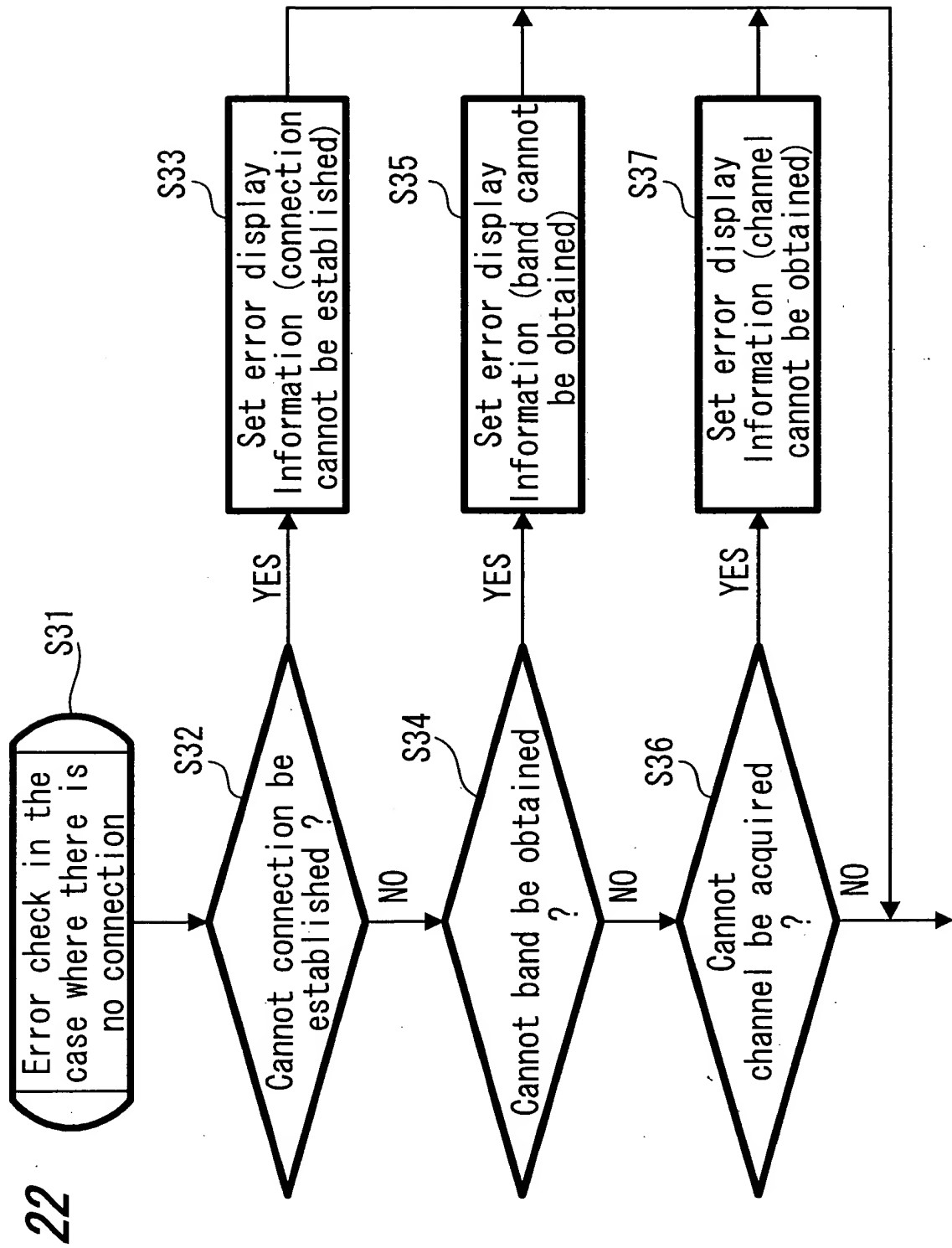


FIG. 23

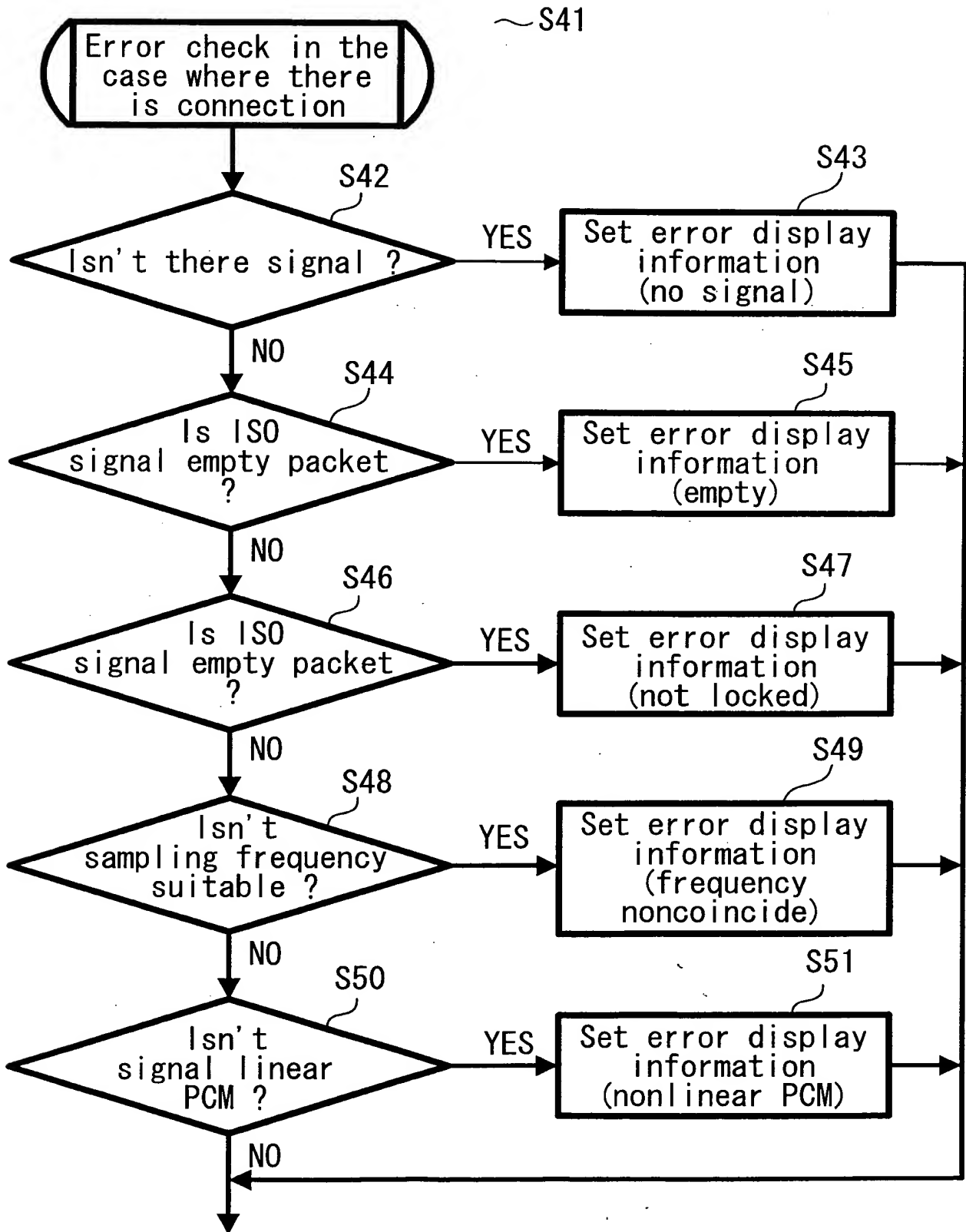


FIG. 24 61 62

Error code number (example)	Display message
C78:11 (At the time of device selection)	The selected is conduction 63 Lines and it cannot come with more Lines
C78:12 (TUNER, ANALOG)	SIR has 63 formed Links and it cannot have more Links
C78:22.22	The case where a different format (signal where cannot be reproduced) it detected
C78:22.23	
C78:22.25	
C78:22.26	
C78:31	The case where the signal clock is out of standard values and the PLL lock is not established
C78:04	The case where there are not input signals at all during selection of a connection device
C78:15.13	Since bus is full of signals output or input cannot be conducted
C78:15.14	
C78:15.15	
C78:15.33	
C78:03	Loop has been formed by cable connection
C78:00	Bus reset has occurred (for example in the case where new device is connected)
C60:01	Temperature within the device is rising
C60:08	Speaker terminal is short-circuited
C60:13	Selected device is not connected
	12 Connection failure of output plug of opposite device side
	31 Connection failure of its own input
	22 The format is not IEC958 format
	23 Discrepancy between N bits (asynchronous) and rate control protocol
	25 The sampling frequency is not suitable
	26 The signal is not linear PCM
	24 The signal is unlocked
	21 There are no signal
	13 Band is deficient at the time of input
	14 Channel is fully occupied time of output
	15 Band is deficient at the time of output
	33 Channel is fully occupied time of output

FIG. 25

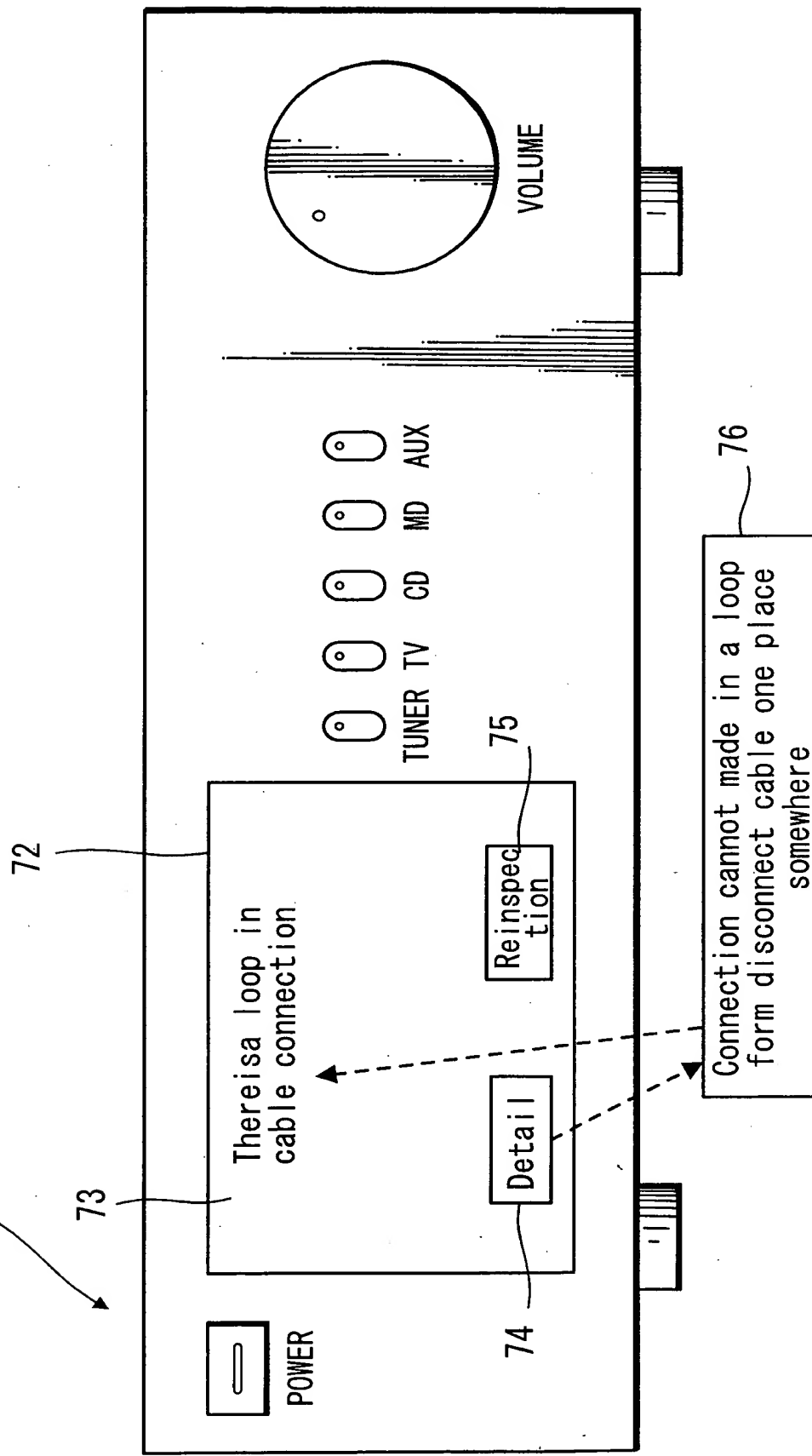


FIG. 26

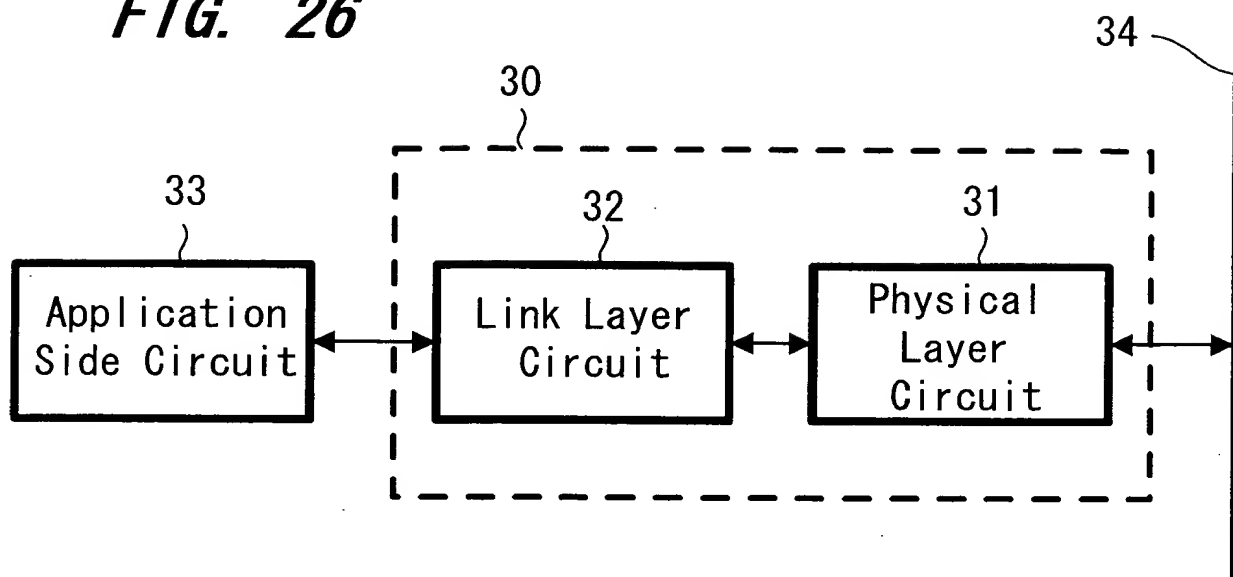


FIG. 27

